



Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

June 27, 2014

Ms. Donna Seadler
Remedial Project Manager, Superfund Division
US Environmental Protection Agency Region 4
61 Forsyth St SW, 11th Floor
Atlanta, GA 30303

Subject: Report of Field Observation – FY14, Fourth Quarter (FY14-4Q)
Lees Lane Superfund Site, Jefferson County, Kentucky
Administrative Order on Consent, USEPA Docket No. 91-32-C

Dear Ms. Seadler:

In accordance with paragraph 11, under Reporting Requirements, of the subject Consent Order and Attachment 1, Operation and Maintenance Plan for Post Removal Site Control at the Lee's Lane Landfill Site, attached for your information and files is one copy of the Report of Field Observation (Appendix J).

Please advise if you have any questions concerning the following information.

Sincerely,

A handwritten signature in black ink, appearing to read "Heather Dodds".

Heather Dodds
Performance Metrics Supervisor

HND/hnd

cc: Sheri Adkins, Kentucky Division of Waste Management
Daniel Phelps, Kentucky Division of Waste Management
Anthony Marconi, MSD

Observation Report No: FY14-4Q

Date of Observation: 06/272014

Instruction: If any item is checked yes, provide details of the problem and maintenance recommendations below and indicate the location of deficiency on the site map provided.

| Comment No. | Comment | Corrective Action Performed |
|--------------------|---|---|
| A-4 | Potholes in access road Road to MW-05 needs gravel | None – Consent Order Capped Item (e) |
| B-4 | Missing lock on bollard crossing levee north of Lees Lane. | Replace with American Lock E127 |
| C-6 | Phone line disconnected from security alarm | Phone company contacted to reinstall |
| C-7 | Collar missing on multiple wells/moisture traps | MSD to coordinate with EPA / KDEP to determine next steps |
| C-8 | Covers missing from multiple wells/moisture traps | See C-7 |
| C-9 | Vegetation covering multiple wells/moisture traps (not visible) | See C-7 |
| C-11 | W26 missing cap | See C-7 |
| C-12 | Signs missing from multiple wells/moisture traps | See C-7 |
| D-1 | Lock cut on MW-04 | Replace with Master Lock 2197 |
| F-4 | Ramp to levee south of Lees Lane has rutting on either side from vehicular traffic | None – Consent Order Capped Item (k) |
| F-5 | Ramp to levee south of Lees Lane has rutting on either side from vehicular traffic | None – Consent Order Capped Item (k) |

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: FY14-4Q Date of Observation 6/27/14

Time Arrived Onsite: 1100 Time Departed Site: 1221

Field Personnel: Heather Dodds, Performance Metrics Supervisor

Section A: General Site Conditions

| Observations: | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | <u>Comment No.</u> |
|--|-------------|-----------|-------------------------|------------------------|
| 1. Major settlement of topsoil or erosion exposing waste/fill material | — | <u>X</u> | — | — |
| 2. Evidence of leachate seepage | — | <u>X</u> | — | — |
| 3. Distressed Vegetation | — | <u>X</u> | — | — |
| 4. Pot holes, erosion of access road | <u>X</u> | — | — | <u>A-4</u> |

Section B: Institutional Controls

| Observations: | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | <u>Comment No.</u> |
|---|-------------|-----------|-------------------------|------------------------|
| 1. Structural problem with Lee's Lane gate or barricade | — | <u>X</u> | — | — |
| 2. Structural problem with Putman Ave. barricade | — | <u>X</u> | — | — |
| 3. Lee's Lane gate unlocked | — | <u>X</u> | — | — |
| 4. Broken or missing lock | <u>X</u> | — | — | <u>B-4</u> |

Section C: Gas Collection System

| Observations: | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | <u>Comment No.</u> |
|---|-------------|-----------|-------------------------|------------------------|
| 1. Vandalism to blower house wells, or moisture traps | — | <u>X</u> | — | — |
| 2. Structural damage to blower house | — | <u>X</u> | — | — |
| 3. Blower not operating or visible damage | — | <u>X</u> | — | — |
| 4. Blower house not secure and unclean | — | <u>X</u> | — | — |

| Observations: | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | <u>Comment No.</u> |
|---------------|-------------|-----------|-------------------------|------------------------|
|---------------|-------------|-----------|-------------------------|------------------------|

| | | | | | |
|-----|--|----------|----------|----------|-------------|
| 5. | Service box lids not in place | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |
| 6. | Alarm and blower controls not functioning | <u>X</u> | <u>—</u> | <u>—</u> | <u>C-6</u> |
| 7. | Settlement or tilting of well/moisture trap concrete collars | <u>X</u> | <u>—</u> | <u>—</u> | <u>C-7</u> |
| 8. | Well/moisture trap covers missing or damaged | <u>X</u> | <u>—</u> | <u>—</u> | <u>C-8</u> |
| 9. | Excessive vegetation covering wells/moisture traps | <u>X</u> | <u>—</u> | <u>—</u> | <u>C-9</u> |
| 10. | Adjustment valve inaccessible | <u>—</u> | <u>—</u> | <u>X</u> | <u>—</u> |
| 11. | Well/moisture trap caps, plugs, and piping missing | <u>X</u> | <u>—</u> | <u>—</u> | <u>C-11</u> |
| 12. | Blower house and well/moisture trap signs missing or damaged | <u>X</u> | <u>—</u> | <u>—</u> | <u>C-12</u> |

Section D: Groundwater & Gas Monitor Wells

| Observations: | | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | <u>Comment No.</u> |
|---------------|--|-------------|-----------|---------------------|--------------------|
| 1. | Wells unlocked | <u>X</u> | <u>—</u> | <u>—</u> | <u>D-1</u> |
| 2. | Guard posts and rails missing or damaged | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |
| 3. | Protective casing missing, damaged or rusted | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |
| 4. | Concrete pads damaged or cracked | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |
| 5. | Possible surface water infiltration into wells | <u>—</u> | <u>—</u> | <u>X</u> | <u>—</u> |
| 6. | Excessive vegetation or debris around wells | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |
| 7. | Well cap missing or damaged | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |
| 8. | Tubing, fittings, and valves missing or damaged (gas wells only) | <u>—</u> | <u>X</u> | <u>—</u> | <u>—</u> |

Section E: Bank Protection Controls

| Observations: | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | Comment <u>No.</u> |
|---|-------------|-----------|-------------------------|-----------------------|
| 1. Subsidence of slope, sloughing or caving | — | <u>X</u> | — | — |
| 2. Erosion of rip-rap or underlying material | — | <u>X</u> | — | — |
| 3. Abnormally damp areas, wet ground vegetation | — | <u>X</u> | — | — |
| 4. Soft spots in surface | — | <u>X</u> | — | — |
| 5. Seepage, water flow, piping, or sand boils | — | <u>X</u> | — | — |
| 6. Undermining of rip-rap | — | <u>X</u> | — | — |
| 7. Vegetative growth on rip-rap slope | — | <u>X</u> | — | — |
| 8. Buildup of trash and debris on rip-rap | — | <u>X</u> | — | — |
| 9. Exposed trash or filter fabric | — | <u>X</u> | — | — |
| 10. Tilting trees | — | <u>X</u> | — | — |
| 11. Tension cracks | — | <u>X</u> | — | — |
| 12. Survey monuments missing or damaged | — | <u>X</u> | — | — |

Section F: Surface Waste Cleanup/Cover

| Observations: | <u>Yes*</u> | <u>No</u> | <u>Not Observed</u> | Comment <u>No.</u> |
|--|-------------|-----------|-------------------------|-----------------------|
| 1. Swales greater than 1 foot wide and 2 inches deep | — | <u>X</u> | — | — |
| 2. Cracks greater than 1 inch wide and 6 inches deep | — | <u>X</u> | — | — |
| 3. Areas of erosional damage to grass | — | <u>X</u> | — | — |
| 4. Inadequate grass cover (area > 36 ft ²) | <u>X</u> | — | — | <u>F-4</u> |
| 5. Ponded water (area larger than 2 feet in diameter and 3 inches deep) | <u>X</u> | — | — | — |
| 6. Erosion or ponded water greater than 12 inches deep (requires immediate repair) | — | <u>X</u> | — | — |

*If yes, assign a comment no. in the last column and follow instructions on comment sheet.

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: _____ Date of Observation _____

Site Map

Observer's Signature: _____

Date: _____